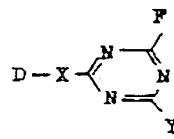


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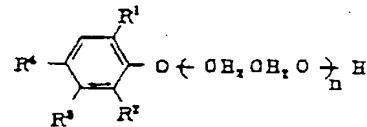
## Patent Abstracts of Japan

PUBLICATION NUMBER : 62010173  
 PUBLICATION DATE : 19-01-87



I

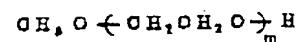
APPLICATION DATE : 05-07-85  
 APPLICATION NUMBER : 60148083



II

APPLICANT : MITSUBISHI CHEM IND LTD;

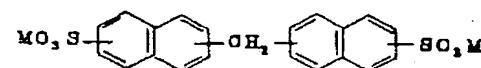
INVENTOR : YAMAGUCHI KAZUYA;



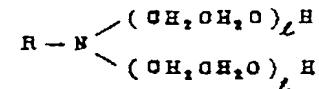
III

INT.CL. : C09D 11/00 // C09B 67/40

TITLE : INK FOR INK JET TEXTILE PRINTING



IV



V

ABSTRACT : PURPOSE: To obtain the title ink capable of conducting a simultaneous ink jet textile printing of blended fabrics comprising a polyester fiber and a cellulose fiber, by incorporating a reactive disperse dye, particular nonionic surfactant, an anionic surfactant and an org. tert. amine.

CONSTITUTION: The title ink contains 1~30wt.% reactive disperse dye which is insoluble or hardly soluble in water of the formula I (wherein D is a water- insoluble coloring matter residue; X is O or -NH-; Y is OR<sup>3</sup> or NR<sup>4</sup>R<sup>5</sup>;  
 R<sup>3</sup>~R<sup>5</sup> are each independently H, a substituted unsubstituted alkyl, aryl or aralkyl group; and NR<sup>4</sup>R<sup>5</sup> may be a five- or six-membered nitrogenous heterocyclic ring formed by linkage of R<sup>4</sup> to R<sup>5</sup>), 0.2~75.2wt.% mixture of a nonionic surfactant with anionic surfactant and 0.5~15wt.% org. tert. amine. Examples of the nonionic surfactant include compds. of the formula II and III, examples of the anionic surfactant include compds. of the formula IV, and examples of the org. tert. amine include compds. of the formula V.

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